



**Renea P Adkins**

05/17/2004 11:25 AM

(b) (2) High

To: [REDACTED]  
cc: [REDACTED]  
Subject: Re: data given 9/11 commission [REDACTED]

Please see attached.



9-11 visit.doc

Renea Adkins  
ZID-505.3  
[REDACTED]

Karyl DiDiana



**Karyl DiDiana**

05/17/2004 11:00 AM

(b) (2) High

To: [REDACTED]  
cc: [REDACTED]  
Subject: Re: data given 9/11 commission [REDACTED]

If it is available yes, I will put it with our files.

Thanks, have a good one!

Karyl  
Renea P Adkins



**Renea P Adkins**

05/17/2004 10:54 AM

(b) (2) High

To: [REDACTED]  
cc: [REDACTED]  
Subject: data given 9/11 commission

Hi Karyl,

Do you want a list of what we gave the 9/11 Commission last week and the week before? I wasn't sure with the transition. Make it a good day!

Renea Adkins  
ZID-505.3  
[REDACTED]

SUBJECT: 9/11/01 Commission Visit

TO: File

Eileen Johnson (FAA Attorney) was at Indianapolis Center 5/3-4/04. Miles Kara, John Azzarello, Geoff Brown and Charley Pereira were at Indianapolis Center 5/4/04.

On 5/4/04, Charles Thomas, John Thomas, Bill Orr and David Boone were interviewed.

Indianapolis Center provided the Commission with a CD on 5/4/04. The CD contained six waves files containing 7 ½ hours of recordings.

They requested additional information to be provided as soon as compiled. On 5/13/04, David M. Boone electronically provided them (through Anthony Ferrante) a cover letter and three attachments reference plain language time line for the AMIC and Henderson positions.

Renea Adkins  
5/17/04



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

ARTCC – Indianapolis, IN

Subject: **INFORMATION:** Request for Plain Language  
Time-Line for the Henderson and the Area  
Manager-In-Charge Positions

Date: May 12, 2004

From: Air Traffic Manager, ZID-1

Reply to  
Attn. of:

To: Charles M. Pereira  
THRU: Anthony Ferrante, AAT-200

On May 5, 2004, the September 11 Commission requested additional data from Indianapolis ARTCC. The request was for command syntax and display control data from the Henderson Sector position and the Area Manager-In-Charge position. System Analysis Recording information and Data Analysis Reduction Tool information were combined to provide the attached timeline for each position.

David M. Boone

Attachments (3)

**This page represents the  
document as presented.  
The following page  
represents the document  
without any obscurities.**

Original 5/13/04  
sent. Dave Boone  
sent electronically.  
EA



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

ARTCC – Indianapolis, IN

Subject: **INFORMATION:** Request for Plain Language  
Time-Line for the Henderson and the Area  
Manager-In-Charge Positions

Date: May 12, 2004

From: Air Traffic Manager, ZID-1

Reply to  
Attn. of:

To: Charles M. Pereira  
THRU: Anthony Ferrante, AAT-200

On May 5, 2004, the September 11 Commission requested additional data from Indianapolis ARTCC. The request was for command syntax and display control data from the Henderson Sector position and the Area Manager-In-Charge position. System Analysis Recording information and Data Analysis Reduction Tool information were combined to provide the attached timeline for each position.

David M. Boone

Attachments (3)



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Memorandum

ARTCC – Indianapolis, IN

Subject: **INFORMATION:** Request for Plain Language  
Time-Line for the Henderson and the Area  
Manager-In-Charge Positions

Date: May 12, 2004

From: Air Traffic Manager, ZID-1

Reply to  
Attn. of:

To: Charles M. Pereira  
THRU: Anthony Ferrante, AAT-200

On May 5, 2004, the September 11 Commission requested additional data from Indianapolis ARTCC. The request was for command syntax and display control data from the Henderson Sector position and the Area Manager-In-Charge position. System Analysis Recording information and Data Analysis Reduction Tool information were combined to provide the attached timeline for each position.

David M. Boone

Attachments (3)

*Original 5/13/04  
sent. Dave Boone  
sent electronically.  
EA*

Request for Plain Language Time-Line for the  
Henderson and the Area Manager-In-Charge Positions

Indianapolis ARTCC requested assistance from the William J. Hughes Technical Center through Airway Facilities in analyzing System Analysis Recording data from 9/11/01 for the time period 1256-1320 UTC (Coordinated Universal Time). The Technical Center In-Service Management Team extracted the requested data. They advised that the System Analysis Recording tools needed to extract this data are not within the Display System Replacement baseline, therefore the data is for informational purposes only.

The Data Analysis Reduction Tool provided information that was presented to the display monitors at Henderson Sector position and the Area Manager-In-Charge position. The program Indianapolis Center uses to transfer this data in the host computer utilizes several control character codes that are not represented by printable characters and may or may not have ASCII equivalent. The Data Analysis Reduction Tool data used to provide the attached information were derived from computer magnetic recordings of internal computer processing. It is not an exact representation of the control position display.

Indianapolis Center accepts and provides this as accurate data.

### Plain Language Time-Line for the Indianapolis ARTCC Henderson Position

This timeline identifies the requested command syntax and display control data information at the Henderson position regarding AAL77 until 1320 UTC (Coordinated Universal Time).

1238:28	AAL77 hand-off was initiated by Washington Center to Henderson position.
1239:30	AAL77 hand-off was accepted by Henderson position.
1250:52	AAL77 hand-off was initiated by Henderson position to Dacos position.
1256:59	AAL77 hand-off was accepted by Dacos position.
1257:20	AAL77 data block displays COAST status at Henderson position.
1257:21	Primary Radar data selected and displayed at Henderson position.
1308:20	Primary Radar data deselected at Henderson position.
1308:21	Primary Radar data selected and displayed at Henderson position.
1308:23	Primary Radar data deselected at Henderson position.
1315:01	Primary Radar data selected and displayed at Henderson position.
1315:15	AAL77 data block suspended at Henderson position.

No other data.

Plain Language Time-Line for the Indianapolis ARTCC Area Manager-In-Charge Position

This timeline identifies the requested command syntax and display control data information at the Area Manager-In-Charge position regarding AAL77 until 1320 UTC (Coordinated Universal Time).

1302:15        AAL77 flight plan information requested and displayed.

1302:49        Primary Radar data selected and displayed.

No other data.